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NPIC/TSSG/DED-1377-68
26 September 1968

MEMORANDUM FOR: Director, Image Analysis Service, DDI
ATTENTION: Technical Director, IAS
SUBJECT: Prototype Twin-Stage, On-Line P.I. Comparator
REFERENCE: NPIC/TSSG/DED-1331-68 Memorandum dated 21 August 1968

1. The subject comparator is presently being developed by [] under contract to the Development Engineering Division, NPIC. The referenced memorandum documented the reticle configuration that was to be provided; that being an open cross with a twenty micron dot at its center.

2. After further consideration it was agreed that this configuration should be rotated 45° to form an open "X" to insure that the reticle lines would never obscure the dot when parallax measurements were made.

3. It is understood that the fact that the "X" will not be on the same plane as the dot will not be objectionable to I.A.S. This factor is caused by the impracticality of forming the "X" in stereo -- it appears as an "X" because one leg of the "X" is contributed to the apparent "X" by each reticle. The dot will be in stereo and will change planes as it "floats" but the "X" will not float. The subject development is proceeding under the assumption that this reticle configuration is satisfactory.

[]
Chief, Technical Services & Support Group
NPIC

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